Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048493.D
Acq On : 24 Mar 2021 17:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 24 18:29:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	41394	20.00	ng		0.00
21) Naphthalene-d8	10.924	136	162335	20.00	ng	#	0.00
39) Acenaphthene-d10	14.743	164	114330	20.00	ng		0.00
64) Phenanthrene-d10	17.493	188	269204	20.00	ng	#	0.00
76) Chrysene-d12	21.788	240	252018	20.00	ng	#	0.00
86) Perylene-d12	25.113	264	274405	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.648	112	209393	83.65	ng		0.00
7) Phenol-d6	7.258	99	315640	86.66	ng		0.00
23) Nitrobenzene-d5	9.273	82	325445	80.16	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	159156	85.60	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	657551	82.74	ng		0.00
79) Terphenyl-d14	20.102	244	1164328	83.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.521	88	38846	36.78	ng	#	91
3) Pyridine	3.926	79	120035	40.77	ng		89
4) n-Nitrosodimethylamine	3.832	42	69601	40.68	ng	#	63
6) Aniline	7.422	93	182942	42.47	ng	#	88
8) 2-Chlorophenol	7.663	128	113432	43.46	ng		89
9) Benzaldehyde	7.228	77	77611	38.69	ng	#	76
10) Phenol	7.281	94	156774	42.00	ng		76
11) bis(2-Chloroethyl)ether	7.516	93	110565	42.28	ng		97
12) 1,3-Dichlorobenzene	7.992	146	127283	40.99	ng	#	92
13) 1,4-Dichlorobenzene	8.139	146	127857	41.48	ng	#	94
14) 1,2-Dichlorobenzene	8.456	146	120491	40.75	ng		92
15) Benzyl Alcohol	8.339	79	137157	42.41	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.627	45	119288	39.89	ng		87
17) 2-Methylphenol	8.544	107	101731	42.99	ng	#	86
18) Hexachloroethane	9.197	117	50841	42.88	ng		92
19) n-Nitroso-di-n-propyla...	8.909	70	111350	41.19	ng		96
20) 3+4-Methylphenols	8.873	107	145494	44.88	ng		86
22) Acetophenone	8.926	105	183112	40.11	ng	#	93
24) Nitrobenzene	9.314	77	172248	39.60	ng	#	86
25) Isophorone	9.837	82	308306	39.67	ng	#	89
26) 2-Nitrophenol	10.025	139	69586	42.09	ng	#	54
27) 2,4-Dimethylphenol	10.084	122	103762	40.22	ng	#	82
28) bis(2-Chloroethoxy)met...	10.319	93	139863	39.70	ng		95
29) 2,4-Dichlorophenol	10.572	162	120651	40.30	ng		96
30) 1,2,4-Trichlorobenzene	10.783	180	131356	36.30	ng		97
31) Naphthalene	10.977	128	366095	40.68	ng		98
32) Benzoic acid	10.213	122	91666	45.66	ng	#	86
33) 4-Chloroaniline	11.077	127	155099	40.31	ng	#	89
34) Hexachlorobutadiene	11.259	225	96949	33.80	ng		98
35) Caprolactam	11.852	113	44447	41.59	ng	#	86
36) 4-Chloro-3-methylphenol	12.199	107	146665	42.21	ng		85
37) 2-Methylnaphthalene	12.575	142	283890	41.32	ng	#	93
38) 1-Methylnaphthalene	12.792	142	262071	40.56	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.939	216	153865	36.86	ng	#	96
41) Hexachlorocyclopentadiene	12.922	237	101336	37.54	ng		95
43) 2,4,6-Trichlorophenol	13.180	196	112462	39.74	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	121996	39.17	ng	#	92
46) 1,1'-Biphenyl	13.580	154	344394	41.97	ng		98
47) 2-Chloronaphthalene	13.627	162	285603	43.17	ng		98
48) 2-Nitroaniline	13.821	65	109875	44.87	ng	#	76
49) Acenaphthylene	14.467	152	452485	42.24	ng		100
50) Dimethylphthalate	14.191	163	381482	41.00	ng		98
51) 2,6-Dinitrotoluene	14.314	165	84243	42.07	ng	#	58
52) Acenaphthene	14.808	154	316863	44.01	ng		96
53) 3-Nitroaniline	14.643	138	85233	44.45	ng	#	63
54) 2,4-Dinitrophenol	14.843	184	55924	45.76	ng	#	50
55) Dibenzofuran	15.143	168	458399	42.75	ng		92
56) 4-Nitrophenol	14.949	139	74081	43.17	ng	#	36
57) 2,4-Dinitrotoluene	15.096	165	123226	43.34	ng	#	64
58) Fluorene	15.795	166	368486	40.94	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.366	232	118624	38.60	ng	#	89
60) Diethylphthalate	15.554	149	407356	44.79	ng		93
61) 4-Chlorophenyl-phenyle...	15.783	204	201733	38.96	ng		94
62) 4-Nitroaniline	15.807	138	90986	43.32	ng	#	42
63) Azobenzene	16.077	77	416979	42.13	ng		88
65) 4,6-Dinitro-2-methylph...	15.865	198	83220	49.09	ng		77
66) n-Nitrosodiphenylamine	15.995	169	338247	43.37	ng		98
67) 4-Bromophenyl-phenylether	16.676	248	138290	40.79	ng	#	87
68) Hexachlorobenzene	16.800	284	148658	40.92	ng		93
69) Atrazine	16.941	200	131146	41.81	ng		97
70) Pentachlorophenol	17.140	266	100331	41.54	ng		91
71) Phenanthrene	17.540	178	617284	43.41	ng		96
72) Anthracene	17.628	178	617160	43.74	ng		98
73) Carbazole	17.898	167	602562	44.79	ng		98
74) Di-n-butylphthalate	18.451	149	693090	46.54	ng	#	96
75) Fluoranthene	19.543	202	771229	40.73	ng		97
77) Benzidine	19.720	184	329301	43.62	ng		98
78) Pyrene	19.908	202	772019	44.60	ng		97
80) Butylbenzylphthalate	20.789	149	306830	49.88	ng		88
81) Benzo(a)anthracene	21.764	228	731598	41.86	ng		96
82) 3,3'-Dichlorobenzidine	21.676	252	277659	44.02	ng		98
83) Chrysene	21.835	228	702865	41.94	ng		98
84) Bis(2-ethylhexyl)phtha...	21.664	149	427820	50.33	ng	#	93
85) Di-n-octyl phthalate	22.916	149	715848	50.30	ng		97
87) Indeno(1,2,3-cd)pyrene	28.932	276	852899	40.75	ng	#	88
88) Benzo(b)fluoranthene	24.056	252	773964	40.03	ng	#	97
89) Benzo(k)fluoranthene	24.126	252	743541	40.75	ng	#	97
90) Benzo(a)pyrene	24.961	252	721173	40.90	ng	#	97
91) Dibenzo(a,h)anthracene	29.015	278	721073	40.39	ng	#	95
92) Benzo(g,h,i)perylene	30.131	276	699353	40.37	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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